

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/DE2004/001536

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F15B11/16 F15B21/08 E02F9/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F15B E02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 630 317 A (AKUSHICHI SHUKI ET AL) 20 May 1997 (1997-05-20) column 20, line 20 - column 24, line 44; figure 12	1-11
X	EP 1 099 856 A (HITACHI CONSTRUCTION MACHINERY) 16 May 2001 (2001-05-16) paragraph '0027! - paragraph '0030!	1,3,5,6, 8-10
A	DE 199 04 616 A (MANNESMANN REXROTH AG) 10 August 2000 (2000-08-10) cited in the application column 2, line 31 - column 2, line 37	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 November 2004

Date of mailing of the international search report

30/11/2004

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nation on patent family members

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